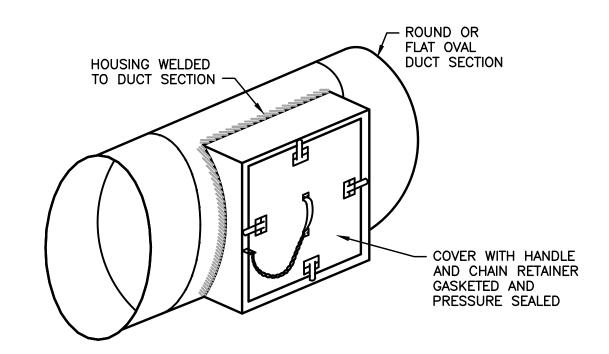
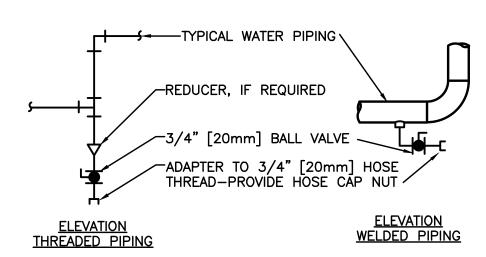


- 1. WHEN COIL IS INCLUDED IN CASING MOUNTED ON VIBRATION ISOLATORS THE FIRST 2 HANGERS FOR EACH PIPE SHALL BE SPRING & NEOPRENE TYPE. TYPE "H" FOR 4" [100mm]ø PIPE & SMALLER. TYPE "H-P" FOR 5" [125mm]ø PIPE & LARGER.
- 2. PIPING SHALL BE INSTALLED IN SUCH MANNER THAT IT WILL NOT BLOCK THE SWING OR USE OF ACCESS DOORS OR PANELS; NEITHER SHALL IT BLOCK THE SERVICING OF FILTERS, VALES, OR EQUIPMENT.
- 3. THE FLOW ELEMENT MAY BE INSTALLED IN THE SUPPLY PIPING IF THE REQUIRED MINIMUM UPSTREAM AND DOWNSTREAM DIMENSIONS CANNOT BE OBTAINED IN THE RETURN PIPING.

WATER COILS - PIPING CONNECTIONS



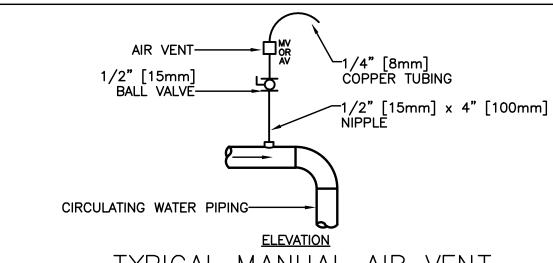
ACCESS SECTION FOR ROUND/OVAL DUCT



TYPICAL CHILLED AND HOT WATER PIPING DRAIN VALVE CONNECTIONS

NOTES:
1. DRAIN ALL LOW POINTS AS INDICATED ABOVE.

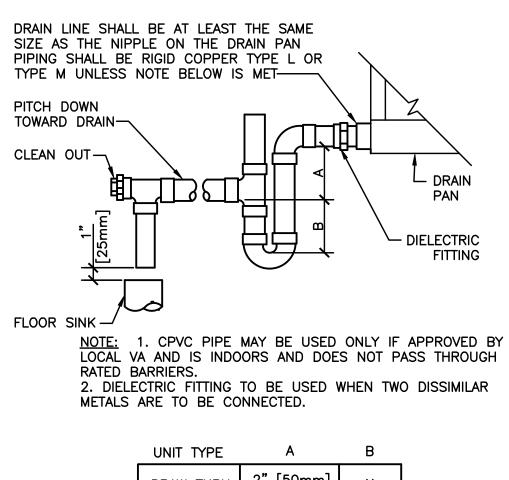
2. WHERE SCALE POCKETS ARE SHOWN ON PIPE RISER DIAGRAMS AND/OR PLANS LOCATE DRAIN AT BOTTOM OF SCALE POCKET.

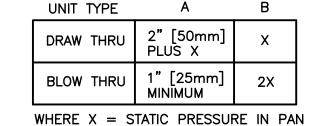


TYPICAL MANUAL AIR VENT NOTES:

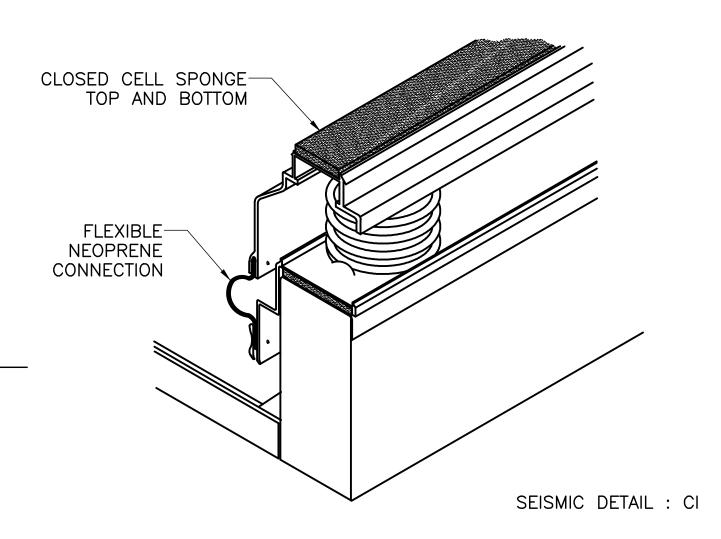
1. VENT ALL HIGH POINTS INDICATED ABOVE. 2. IF AUTOMATIC AIR VENTS ARE USED, PIPE DISCHARGE TO DRAIN.

DRAIN VALVE AND AIR VENT CONNECTIONS (HYDRONIC SYSTEMS)

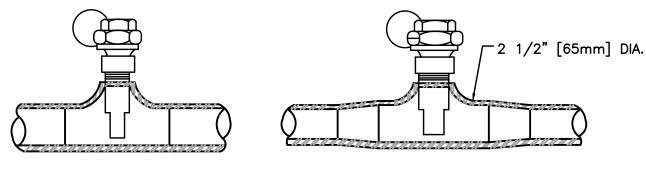




AIR HANDLING UNIT DRAIN TRAP DETAIL

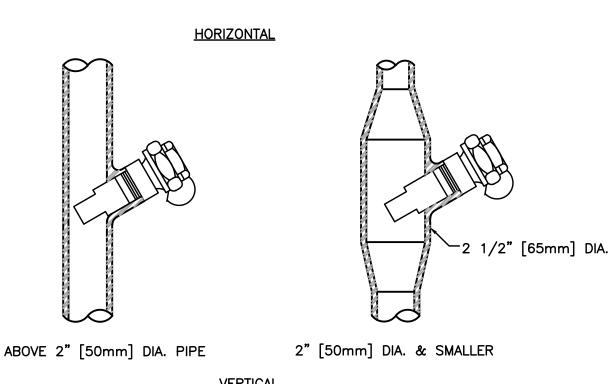


ROOF AHU CURB MOUNTED BASE

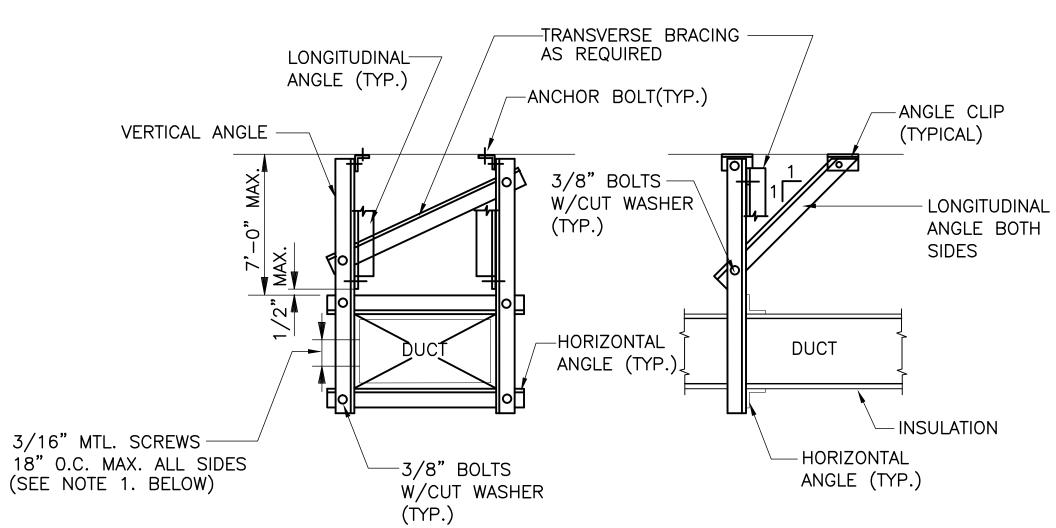


ABOVE 2" [50mm] DIA. PIPE

2" [50mm] DIA. & SMALLER



INSTALLATION OF THERMOMETER WELLS



NOTES:

- 1. ROUND DUCT SUPPORTS SHALL BE SIMILAR, EXCEPT (1) 3/16" METAL SCREW ON EACH OF THE FOUR QUADRANTS
- 2. DUCT SUPPORT INTERVALS SHALL BE AS FOLLOWS: TRANSVERSE SWAY BRACING: MAX. EVERY 30' O.C. EACH HORIZ. TURN GREATER THAN 45\, AND AT END OF EACH RUN. LONGITUDINAL SWAY BRACING: MAX. EVERY 60" O.C.
- 3. TRANSVERSE BRACING MAY SERVE AS HORZ. BRACING OF PERPENDICULAR INTERSECTING DUCTS IF INSTALLED WITHIN 4' OF INTERSECTION AND SIZED FOR LARGER DUCT.
- 4. WALLS WHICH DUCTS PENETRATE MAY SERVE AS TRANSVERSE BRACING. 5. BOLT SIZE SHALL BE 1/4" UP TO 54" DUCT SIZE AND 3/8" FOR 54 " AND GREATER DUCT SIZE.

MAX. DUCT DIMENSION	BRACING ANGLES		ANGLE	CONC. ANCHOR
	VERTICAL	ALL OTHERS	CLIP	OR INSERT
UP TO 60"	4x4x12GA	3x3x16GA	3x3x 1/4	1/2"
84"	4x4x 1/4"	4x4x12GA	4x4x 1/2	5/8"
96"	5x3x 1/4"	4x4x12GA	4x4x 1/2	5/8"

TYPICAL SEISMIC BRACING FOR RECTANGULAR DUCT

System (SLVHCS)

A&E Design Urgent Care

1601 Perdido Street, New Orleans,





